CLAIMS

1. A formulation for the preservation of a film comprising an organic mixture comprising:

(a) alkyl benzenes; and

(b) aliphatic petroleum distillates.

2. The formulation of claim 1, characterized by a boiling point between 390° F and 410° F, a specific gravity between 0.7 and 0.75, and insolubility in water.

3. The formulation of claim 1, characterized by a boiling point of about 402° F, specific gravity of about 0.735 (H_20 =1), and water insolubility.

4. The formulation of claim 3, further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation rate less than one (butyl acetate = 1).

5. A formulation for the preservation of a motion picture film, said formulation comprising a mixture of alkyl benzenes and aliphatic petroleum distillates, characterized by a evaporation rate in the range of one day to one year.

6. The formulation of claim 5, wherein said hydrocarbons comprise petroleum naphtha, aliphatic petroleum distillates and petroleum base oil.

7. The formulation of claim 6, wherein said mixture is characterized by a boiling point between 390° F and 410° F, a specific gravity between 0.7 and 0.75, and insolubility in water.

8. The formulation, of claim 6, wherein said mixture is characterized by a boiling point of about 402° F, specific gravity of about 0.735 (H_20 =1), and water insolubility.

9. The formulation of claim 8, further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation rate less than one (butyl acetate = 1).

10. A method for the preservation of a film comprising:

(a) providing a mixture of alkyl benzenes and aliphatic petroleum distillates; and

(b) coating said film with said mixture.

11. The method of claim 10, wherein said mixture is characterized by a boiling point between 390° F and 410° F, a specific gravity between 0.7 and 0.75, and insolubility in water.

12. The method of claim 11, wherein said mixture is characterized by a boiling point of about 402° F, specific gravity of about 0.735 (H_20 =1), and water insolubility.

13. The method of claim 12, wherein said organic mixture is further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation less than one (butyl acetate = 1).

14. A print film having an extended average useful life beyond the typically accepted 300 runs comprising an organic mixture comprising alkyl benzenes and aliphatic petroleum distillates on said film.

15. The print film of claim 14, wherein the organic mixture is characterized by a boiling point between 390° F and 410° F, specific gravity between 0.7 and 0.75, and insolubility in water.

16. The print film of claim 14, wherein the organic mixture is characterized by a boiling point of about 402° F, specific gravity of about 0.735 (H_20=1), and water insolubility.

17. The print film of claim 16 wherein said organic mixture is further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation rate less than one (butyl acetate = 1).